

IPSG BANFF ACADEMIC PROGRAM SEPTEMBER 26-28 2019

ALL PAPERS 5 min presentations strict limit, discussion follows each group of presentations

THURSDAY Moderator: Post

730-735 Welcome Laurie Hiemstra

735-805 "How do we know what we know?" Don Fithian presentation and discussion: critical review on foundation of knowledge

805-825 **Anatomy papers**

ANATOMY AND LENGTH CHANGES OF THE LATERAL PATELLOFEMORAL LIGAMENT AND LATERAL PATELLOTIBIAL LIGAMENT Yanke

DIFFERENTIAL CONTRIB OF QUAD AND PATELLAR ATTACHMENTS OF PROX MEDIAL PATELLAR RESTRANTS TO RESIST LAT TRANSLATION Yanke

THE ELONGATED FEMORAL FOOTPRINT OF THE MPFC: IMPLICATIONS FOR RECONSTRUCTION Tanaka

825-840 discussion of papers

840-900 **Cartilage papers**

LONG-TERM C RESULTS AUTOLOGOUS HYALINE (LIKE) PRODUCING CARTILAGE REPAIR FOR MID TO LARGE GRADE IV CHONDRAL LESIONS Goyal

AUTOLOGOUS MATRIX-INDUCED CHONDROGENESIS TECHNIQUE IN THE TREATMENT OF PATELLAR CARTILAGE LESIONS Berruto

PATELLOFEMORAL CARTILAGE RESTORATION: A SYSTEMATIC REVIEW AND META-ANALYSIS OF OUTCOMES Hinckel

900-915 discussion of papers

915-930 **Break**

930-950 **Anterior knee pain papers session 1**

A STRONG LINK BETWEEN ANTERIOR KNEE PAIN AND FEMOROACETABULAR IMPINGEMENT Sanchis-Alfonso

NEOVASCULARIZATION OF THE FAT PAD AN OVERLOOKED CAUSE OF AKP Dye

BRAIN NETWORK FUNCTIONAL CONNECTIVITY IN AKP PTS: RESTING STATE FUNCTIONAL MRI Sanchis-Alfonso

950-1005 discussion of papers

1005-1035 **Anterior knee pain papers session 2**

TIBIAL TUBERCLE TRANSFER TO UNLOAD PF JOINT: CURRENT EVIDENCE REVIEW Pagenstert

PRELIMINARY EXPERIENCE WITH THE MD3T, A NOVEL TIBIAL TUBERCLE TRANSFER T Merchant

PATELLOFEMORAL PAIN IN HALF MARATHON RUNNERS Martinez

A BIOMECHANICAL APPROACH TO ADDRESS PATELLOFEMORAL PAIN Stephen

TIBIOFEMORAL KINEMATICS IN TRANSVERSE + FRONTAL PLANES INFLUENCE LOCATION + MAGNITUDE OF PEAK PAT. CARTILAGE STRESS Powers

1035-1050 discussion of papers

1050-1105 EVALUATION OF PSYCHOLOGICAL FACTORS AFFECTING ANTERIOR KNEE PAIN Sanchis-Alfonso

1105-1145 **Anterior Knee Pain Debate: homeostasis, synovium, peripatellar soft tissues/tendons, cartilage repair, alignment, psychological considerations**

Dye, Sanchis Alfonso, Grelsamer, Fulkerson Moderator: Post

LUNCH

1230-1245 **PF Arthroplasty papers**

INVESTIGATION INTO POSSIBLE REASONS FOR DISSATISFACTION AFTER TKA McConnell

PATELLOFEMORAL ARTHROPLASTY: A MULTI-REGISTRY ANALYSIS Fithian

1245-1255 discussion of papers

1255-115 **Physical exam papers**

ACCURACY AND RELIABILITY OF THE VISUAL ASSESSMENT OF PATELLAR TRACKING Cosgarea

A STANDARD Q ANGLE PROTOCOL: A VALID AND RELIABLE GOLD STANDARD Q ANGLE MEASUREMENT A Merchant

CHARACTERISTICS OF PATIENTS PRESENTING WITH POSITIVE MEDIAL APPREHENSION TEST Branch

115-130 discussion of papers

130-145 **PF imaging papers**

A VALIDATED, AUTOMATED THREE DIMENSIONAL METHOD TO RELIABLY MEASURE TIBIAL TORSION Stephen

INTER-RATER RELIABILITY OF MRI MEASUREMENT OF TT-TG, TROCH MORPHOLOGY, AND PAT HEIGHT: THE EFFECT OF SLICE SELECTION Magnusson

145-155 discussion of papers

155-215 **Break**

215-240 **Trochlear evaluation session 1**

SAGITTAL TROCHLEAR LENGTH IS AN IMPORTANT FACTOR IN TROCHLEAR DYSPLASIA AND PATELLAR INSTABILITY Brady

THE EFFECT OF TROCHLEAR DYSPLASIA ON COMMONLY USED RADIOGRAPHIC PARAMETERS TO ASSESS PATELLAR INSTABILITY Pace

LATERAL TROCHLEAR INCLINATION: A RELIABLE AND QUANTIFIABLE MEASURE OF TROCH DYSPLASIA Pace

FEMORAL TROCHLEAR GEOMETRY IN PTS WITH TROCHLEAR DYSPLASIA USING MRI ORTHOGONAL TROCHLEAR VIEW Ambra

245-255 discussion of papers

255-320 **Trochlear evaluation session 2**

THE EVALUATION OF TROCHLEAR AND SUPRATROCHLEAR OSSEOUS MORPHOLOGY – AN EPIDEMIOLOGIC STUDY Farrow

MORPHOLOGICAL CHARACTERISTICS TROCHLEA OF PTS WITH PAT INSTABILITY: CONVEXITY OF TROCHLEA USING 3D COMPUTER MODELS Yuki Yoshi

A PERSPECTIVE ON TROCHLEAR DYSPLASIA AND SURGERY TO RESHAPE TROCHLEA Fulkerson

MRI MEASUREMENTS OF SAGITTAL TROCHLEAR MORPHOLOGY IN PATIENTS WITH PATELLAR INSTABILITY Tompkins

320-335 discussion of papers

FRIDAY Moderator: Post

800-810 Announcements Laurie Hiemstra

810-835 **Patellofemoral instability papers session 1**

DESCRIPTIVE EPIDEMIOLOGY STUDY OF JUSTIFYING PATELLAR INSTABILITY TREATMENT BY EARLY RESULTS (JUPITER) COHORT Shubin Stein

PATELLOFEMORAL STABILIZATION WITH AND WITHOUT CARTILAGE RESTORATION Sherman

MPFL recon vs repair ABSTRACT FORM IPSG Banff (SL Sherman -- MPFL)

IMPACT OF TTTG AND PATELLAR HEIGHT ON OUTCOME OF ISOLATED MPFL RECONSTRUCTION; ISAKOS MULTICENTER STUDY Feller

835-850 discussion of papers

850-915 **Patellofemoral instability papers session 2**

PAT CONTACT PRESSURE CHANGES AFTER STATIC VS DYNAMIC MPFL RECONSTRUCTION USING FINITE ELEMENT MODEL Sanchis-Alfonso
EFFECTS OF MPFL, MQTFL AND MPFC GRAFT RECONSTRUCTION ON PATELLAR KINEMATICS Tanaka
'DIGGING' THE TUNNEL - FRACTURE RISK AND MPFL PATELLAR GRAFT FIXATION Diduch
PREOP OPIOID USE ASSOCIATED WITH POSTOP OPIOID USE AND INFERIOR OUTCOMES AFTER PATELLA STABILIZATION SURGERY Bollier

915-930 discussion of papers

930-945 **Break**

945-1010 **Patellofemoral instability papers session 3**

RISK FACTORS FOR PATELLAR INSTABILITY USING A QUANTITATIVE ANALYSIS OF TROCHLEAR DYSPLASIA Pace
RESPONSIVENESS OF PROMIS-CAT VERSUS A LEGACY OUTCOME SCORE (KOOS) FOR MPFL SURGERY Sherman
MPFL RECON USING QUAD AUTOGRAFTS WITH TIB TUBEROSITY TRANSFER + TROCH BUMP RESECTION IN REVISION SURGERY: 2 CASES Matsushita
THE SUPERFICIAL QUAD TECHNIQUE FOR POST-TKA PATELLA Goyal

1010-1025 discussion of papers

1025-1040 **Patellofemoral instability papers session 4**

MAGNETIC RESONANCE STUDY OF THE VASTUS MEDIALIS: COMPARISON BETWEEN PATIENTS WITH PATELLAR INSTABILITY AND CONTROLS Gobbi
CORRECTING CORONAL AND AXIAL PLANE MALALIGNMENT IN RECURRENT LATERAL PAT INSTABILITY: WHY, WHEN AND HOW? Getgood

1040-1050 discussion of papers

1050-1110 **Patella alta papers**

ACCELERATED REHAB AFTER TIBIAL TUBEROSITY DISTALIZATION FOR PAT DISLOCATION DOES NOT INCREASE RISK OF SURG COMPLICATIONS Sillanpaa
TIBIAL TUBEROSITY DISTALIZATION DECREASES PF CONTACT PRESSURE AND NORMALIZES TRACKING IN PTS WITH P. ALTA AND INSTABILITY Koh
DOES PATELLA ALTA LEAD TO WORSE OUTCOMES IN PTS WHO UNDERGO ISOLATED MPFL RECONSTRUCTION? SYSTEMATIC REVIEW Pagenstert

1110-1125 discussion of papers

1125-1145 **Panel discussion: Surgical treatment of patellar instability in skeletally immature Green (moderator) Askenberger, Parikh, Andrish, Sillanpaa**

LUNCH

1230-1250 **Trochleoplasty results**

MINI-OPEN TROCHLEOPLASTY FOR RECURRENT PATELLAR INSTABILITY – SURGICAL TECHNIQUE AND RESULTS Sillanpaa
DEEPENING TROCHLEOPLASTY OUTCOMES WITH THE THICK SHELL TECHNIQUE Diduch
COMBINED DEEPENING TROCHLEOPLASTY/SUPRACONDYLAR EXTERNAL ROTATION OSTEOTOMY FOR INSTABILITY Biedert

1250-105 discussion of papers

105-135 **Panel discussion: What are the indications for trochleoplasty? And what kind? Arendt (moderator), Biedert, Diduch, Sillanpaa**

135-140 SYSTEMATIC REVIEW OF SURGICAL INDICATIONS FOR TIBIAL DEROTATIONAL OSTEOTOMY Arendt

140-220 **Torsion evaluation and correction in patellofemoral disorders: concepts, measurement, surgical technique and cases Teitge Sanchez Alfonso**

220-235 **Break**

235-330 IPSG Business Meeting Post

SATURDAY WORKSHOP SESSIONS

800-805 Welcome and Announcements – Laurie Hiemstra

805-850 Delphi consensus project of PF cartilage restoration Farr

900-945 Consensus on treatment of AKP – survey and planning for consensus Fithian et al

0945-100 **Concurrent workshops**

Consensus on utilization of patellofemoral instability MRI risk factors Hinckel Arendt Farr

Visual Assessment of Patellar Tracking with the Use of a Digital Referencing Tool Tanaka Sillanpaa Best Cosgarea

Characterization and correlation to pathoanatomy of the J sign in lateral patellofemoral instability Hiemstra Kerlake

